

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	1	("4151034").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/21 07:01
L5	3	fluoropolymers with ashing	US-PGPUB; USPAT	OR	ON	2006/02/21 07:29
L6	6196	((438/689) or (438/622) or (438/624) or (438/629) or (438/638) or (438/639)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/21 07:54
L7	124	L6 and (aspect with ratio with (spacer or sidewall))	US-PGPUB; USPAT	OR	ON	2006/02/21 07:54
S1	237	gambino.inv.	US-PGPUB; USPAT	OR	ON	2005/03/12 12:52
S2	27	giammarco.inv.	US-PGPUB; USPAT	OR	ON	2004/09/03 14:36
S3	2	giammarco.inv. and "438".clas.	US-PGPUB; USPAT	OR	ON	2004/09/03 14:30
S4	78	"4707218".URPN.	USPAT	OR	ON	2004/09/03 14:30
S5	10	("4209349" "4358340" "4419809" "4419810" "4462846" "4502914" "4529686" "4597826" "4599790" "4636281").PN.	USPAT	OR	ON	2004/09/03 14:35
S6	3	giammarco.inv. and "216".clas.	US-PGPUB; USPAT	OR	ON	2004/09/03 14:36
S7	12	"4871630".URPN.	USPAT	OR	ON	2004/09/03 14:36
S8	13	("4707218" "4792534" "5296410" "5459345" "5747359" "5766998" "5795830" "5858834" "5863707" "6346724" "6416933" "6482726" "6664180" "2001/0003034" "2001/0015454" "2002/0006585" "2002/0063277").PN.	USPAT	OR	ON	2004/09/03 14:38
S9	5	"silicon oxide" with plasma with ald	US-PGPUB; USPAT	OR	ON	2004/09/03 15:09
S10	1	"silicon dioxide" with plasma with ald	US-PGPUB; USPAT	OR	ON	2004/09/03 15:13
S11	336	plasma with ald	US-PGPUB; USPAT	OR	ON	2004/09/03 15:13
S12	158	(plasma with ald) and "sio.sub.2"	US-PGPUB; USPAT	OR	ON	2004/09/03 15:14
S13	31	plasma adj (ald "atomic layer deposition")	US-PGPUB; USPAT	OR	ON	2004/09/03 15:15
S14	15	(plasma adj (ald "atomic layer deposition")) and ("silicon oxide" or "silicon dioxide" or "sio.sub.2")	US-PGPUB; USPAT	OR	ON	2004/09/03 15:17

EAST Search History

S15	18	(plasma adj (ald "atomic layer deposition")) and ("silicon oxide" or "silicon dioxide" or "sio.sub.2" or "silicon nitride" or "si.sub.3n.sub.4" or "si.sub.xn.sub.y")	US-PGPUB; USPAT	OR	ON	2004/09/03 15:18
S16	8	("5580384" "5643638" "5644153" "5654917" "5667940" "5968844" "6040248" "6103596").PN.	USPAT	OR	ON	2004/09/03 15:31
S17	48	etch\$3 with "silicon nitride" with "photoresist" with ashing	US-PGPUB; USPAT	OR	ON	2004/09/03 15:56
S18	2968	((438/694) or (438/696) or (438/700) or (438/720) or (438/735) or (438/736)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/03 15:56
S19	76	((438/694) or (438/696) or (438/700) or (438/720) or (438/735) or (438/736)).CCLS.) and "photoresist" with spacer	US-PGPUB; USPAT	OR	ON	2005/03/09 09:02
S20	8	("4586980" "4707218" "4838991" "4871630" "4962054" "5618383" "5770510" "6100014").PN.	USPAT	OR	ON	2004/09/07 09:03
S21	78	"4707218".URPN.	USPAT	OR	ON	2004/09/07 09:07
S22	0	"6750150".URPN.	USPAT	OR	ON	2004/09/07 09:11
S23	17	"5895740".URPN.	USPAT	OR	ON	2004/09/07 09:11
S24	8	("5580384" "5643638" "5644153" "5654917" "5667940" "5968844" "6040248" "6103596").PN.	USPAT	OR	ON	2004/09/07 09:13
S25	21	"5296410".URPN.	USPAT	OR	ON	2004/09/07 09:14
S26	6	("20030013320" "4699861" "4844719" "6284646" "6391769" "6466403").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/08 13:51
S27	12426	plasma with ((silicon adj nitride) or "si.sub.3n.sub.4" or "si.sub.xn.sub.y" or sin or "sin.sub.x")	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/08 13:52
S28	22	plasma with (ald or ale or "atomic layer deposition" or "atomic layer depositing") with ((silicon adj nitride) or "si.sub.3n.sub.4" or "si.sub.xn.sub.y" or sin or "sin.sub.x")	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/08 13:53
S29	84	((438/694) or (438/696) or (438/700) or (438/720) or (438/735) or (438/736)).CCLS.) and "photoresist" with spacer	US-PGPUB; USPAT	OR	ON	2005/08/23 10:13
S30	10	"etch/dep"	US-PGPUB; USPAT	OR	ON	2005/03/12 12:52
S31	100	"etch/dep" or "etch/deposition"	US-PGPUB; USPAT	OR	ON	2005/03/12 13:01

EAST Search History

S32	46	subphotolithographic "sub-photolithographic" "sub photo lithographic"	US-PGPUB; USPAT	OR	ON	2005/03/12 13:04
S33	0	S31 and S32	US-PGPUB; USPAT	OR	ON	2005/03/12 12:54
S34	45	S31 and "438".clas.	US-PGPUB; USPAT	OR	ON	2005/03/12 12:55
S35	29	S32 and "438".clas.	US-PGPUB; USPAT	OR	ON	2005/03/12 12:55
S36	236	(438/947).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/12 13:02
S37	27	S36 and critical with dimension	US-PGPUB; USPAT	OR	ON	2005/03/12 13:02
S38	27	S36 and S37	US-PGPUB; USPAT	OR	ON	2005/03/12 13:04
S39	1	S32 and S36	US-PGPUB; USPAT	OR	ON	2005/03/12 13:04
S40	1	S36 and S32	US-PGPUB; USPAT	OR	ON	2005/03/12 13:41
S41	170	moslehi.inv.	US-PGPUB; USPAT	OR	ON	2005/03/12 13:41
S42	5817	((438/689) or (438/622) or (438/624) or (438/629) or (438/638) or (438/639)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/23 10:14
S43	115	S42 and (aspect with ratio with (spacer or sidewall))	US-PGPUB; USPAT	OR	ON	2006/02/21 07:54
S44	936	(438/763).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/23 10:27
S45	235	S44 and (sidewall or spacer)	US-PGPUB; USPAT	OR	ON	2005/08/23 10:28
S46	218	S44 and (thickness with (constant uniform\$4))	US-PGPUB; USPAT	OR	ON	2005/08/23 10:52
S47	1	S44 and ((liner lining) with (thickness with (constant uniform\$4)))	US-PGPUB; USPAT	OR	ON	2005/08/23 10:57
S48	573	S44 and plasma	US-PGPUB; USPAT	OR	ON	2005/08/23 10:58
S49	15	S48 and ((lining liner) with (thickness or thick))	US-PGPUB; USPAT	OR	ON	2005/08/23 10:58
S50	18	("5976990").URPN.	USPAT	OR	ON	2005/08/23 11:10

EAST Search History

S51	18	("4395438" "4872947" "4963506" "5400739" "5436172" "5482739" "5551985" "5571603" "5607773" "5618761" "5635409" "5776557" "5830277" "5932286" "5970383" "5976990" "5989718" "6083852").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/23 11:44
S52	1	("5635409").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/23 13:35
S53	1	("5976973").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/25 09:21
S54	15	("4871630").URPN.	USPAT	OR	ON	2005/08/25 09:28
S55	12	("6100014").URPN.	USPAT	OR	ON	2005/08/25 09:30
S56	8	("4586980" "4707218" "4838991" "4871630" "4962054" "5618383" "5770510" "6100014").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/25 09:33
S57	91	("4707218").URPN.	USPAT	OR	ON	2005/08/25 09:34
S58	19	("5895740").URPN.	USPAT	OR	ON	2005/08/25 10:01
S59	1	("5895740").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/25 10:01
S60	6	("4707218" "4838991" "5296410" "5459099" "5567658" "5593813").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/25 10:14
S61	304	(conformal or liner) with (layer or film) with (control\$4 or monitor\$4) with (thickness)	US-PGPUB; USPAT	OR	ON	2006/02/07 12:09
S62	10	("5049251" "5108569" "5171412" "5178739" "5431799" "5439574" "5639357" "5830330" "5985103" "6080285").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/07 11:15
S63	25	("6080285").URPN.	USPAT	OR	ON	2006/02/07 11:26
S64	8	("4874494" "4951601" "4999096" "5500102" "5510011" "5639357" "5863393" "5976327").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/07 11:29
S65	105	("4999096").URPN.	USPAT	OR	ON	2006/02/07 11:30
S66	10	("5049251" "5108569" "5171412" "5178739" "5431799" "5439574" "5639357" "5830330" "5985103" "6080285").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/07 11:39
S67	51	("5639357").URPN.	USPAT	OR	ON	2006/02/07 11:40
S68	2	("6319788" "6413835").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/07 11:41

EAST Search History

S69	0	("6624042").URPN.	USPAT	OR	ON	2006/02/07 11:43
S70	3520	(pvd or sputter\$4) with ((silicon adj nitride) or sin or "si.sub.3n.sub.4" "si.sub.xn.sub.y")	USPAT	OR	ON	2006/02/07 11:44
S71	32	S70 and ((adjust\$4 with (power and bias)))	USPAT	OR	ON	2006/02/07 11:45
S72	10	(conformal or liner) with (layer or film) with (control\$4 or monitor\$4) with (thickness) with ((silicon adj nitride) or sin or "si.sub.3n.sub.4" "si.sub.xn.sub.y")	US-PGPUB; USPAT	OR	ON	2006/02/07 12:10
S73	22	("5895740").URPN.	USPAT	OR	ON	2006/02/07 12:29
S74	7	("4999280" "5041362" "5217851" "5487967" "5863707" "5876903" "5895740").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/07 12:33
S75	0	spacer with critical with dmension	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/07 12:34
S76	278	spacer with critical with dimension	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/07 12:34
S77	12	S76 and spacer with (titanium or ((tantalum or titanium) adj nitride) or tantalum or tan or tin)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/07 13:28
S78	3559	spacer with (titanium or ((tantalum or titanium) adj nitride) or tantalum or tan or tin)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/07 13:31
S79	39	spacer with (titanium or ((tantalum or titanium) adj nitride) or tantalum or tan or tin) with etch\$4 with stop\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/07 13:31
S80	4206	ma.inv.	US-PGPUB; USPAT	OR	ON	2006/02/07 14:04
S81	453	S80 and interconnect	US-PGPUB; USPAT	OR	ON	2006/02/07 14:04
S82	156	S81 and "438".clas.	US-PGPUB; USPAT	OR	ON	2006/02/07 14:05
S83	156	S82 and "438".clas.	US-PGPUB; USPAT	OR	ON	2006/02/07 14:06
S84	359	S80 and "438".clas.	US-PGPUB; USPAT	OR	ON	2006/02/07 14:06
S85	0	"chiang.inv"	US-PGPUB; USPAT	OR	ON	2006/02/07 14:06
S86	0	"chiang.inv."	US-PGPUB; USPAT	OR	ON	2006/02/07 14:06
S87	4360	chiang.inv.	US-PGPUB; USPAT	OR	ON	2006/02/07 14:07

EAST Search History

S88	410	S87 and "438".clas.	US-PGPUB; USPAT	OR	ON	2006/02/07 14:07
-----	-----	---------------------	--------------------	----	----	------------------